

L9 ANSWER 3 OF 29 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2000:393004 CAPLUS

DOCUMENT NUMBER: 133:31874

TITLE: Antireflective agents, films for protecting polarizing panels and the panels

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SOURCE: Jpn. Kokai Tokkyo Koho, 17 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE     |
|------------------------|------|----------|-----------------|----------|
| JP 2000159840          | A2   | 20000613 | JP 1998-336193  | 19981126 |
| PRIORITY APPLN. INFO.: |      |          | JP 1998-336193  | 19981126 |

AB The agents with good adhesion to transparent substrate surface and resistance to scratching, are obtained from F-contg. monomers selected from fluoro(cyclo)alkyl (meth)acrylates, YOOCCH:CR<sub>1</sub>COOZ [R<sub>1</sub> = H, Me; Y, Z = (F-contg.) C<sub>2</sub>-12 alkyl, (F-contg.) C<sub>4</sub>-12 cycloalkyl (provided at least either Y or Z contains F)], CH<sub>2</sub>C(COOY)CH<sub>2</sub>COOZ, or/and F-contg. esters of 4,5-dicarboxycyclohexene. Thus, coating a soln. contg. dipentaerythritol hexaacrylate 60, dipentaerythritol hexaacrylate dimer 20, dipentaerythritol hexaacrylate oligomer (.gtreq.3) 20, diethoxybenzophenone UV initiator 2, a \*\*\*silicone\*\*\* \*\*\*surfactant\*\*\* 1, Aerosil R 972 (treated fumed silica) 50, MEK 50, AcOEt 50 and i-PrOH 50 parts on the surface of a Konitac 80UVSH (cellulose triacetate) film, irradiating with UV light, coating on top with a soln. contg. 3,3,4,4,5,5,6,6-octafluorohexyl methacrylate 45, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluorononyethylene glycol diacrylate 45, dipentaerythritol hexaacrylate 10, diethoxybenzophenone 0.2, F 177 (F-contg. \*\*\*surfactant\*\*\* ) 1, cyclohexanone 3500 and i-PrOH 7700 parts, drying and irradiating with UV light gave a coated film with reflective index 1.37, cross-cut adhesion 100/100 and good resistance to scratching.